

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-12 (Canceled)

13. (Currently Amended) A satellite transceiver for a personal computer, the personal computer having a USB type port, the transceiver comprising:

a transceiver that resides in a box external to the computer and that transmits radio frequency signals responsive to data received from the personal computer via the USB type port and that receives radio frequency signals and converts the received signals to data for transfer to the personal computer via the USB type port, wherein the transceiver further includes a network hub, -the transceiver including a satellite antenna interface for coupling an external power supply to an external satellite antenna amplifier via a connection which transmits radio frequency signals.

14. (Previously presented) The transceiver according to claim 13, further including an auxiliary bus directly connecting a transmitter card portion and a receiver card portion of the transceiver.

15. (Currently Amended) A satellite transceiver for a personal computer, the personal computer having a USB port, the transceiver comprising:

a transmitter portion that resides in a box external to the computer and that transmits radio frequency signals responsive to data received from the personal computer via the USB type port; and

a receiver portion that resides in the external box and that receives radio frequency signals and converts the received signals to data for transfer to the personal computer via the USB type port, further including an auxiliary bus directly connecting the transmitter card portion and the receiver card portion, wherein a synchronizing signal is conveyed from the receiver portion to the transmitter portion via the auxiliary bus and including a programmable frequency

synthesizer and programmable modulator for allowing a transmission/reception frequency and modulation to be selectively modified by the personal computer.

16. (Currently Amended) The transceiver according to claim 15, wherein the transmitter portion and the receiver portion further comprise respective connectors coupling the cards portions to the auxiliary bus.

17. (Canceled)

18. (Previously amended) The transceiver according to claim 15, wherein the transmitter portion includes a frequency synthesizer for generating the radio frequency signals.

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Canceled)

24. (Previously amended) A transceiver according to claim 15, wherein the transmitter card includes modulation circuitry and the modulation circuitry includes an encoder that encodes error correction into the transmitted signals according to a predefined protocol in accordance with a command conveyed to the encoder via the USB port.

25. (Currently Amended) The transceiver according to claim 13, wherein the radio frequency signals of the transmitter card-portion are transmitted to a satellite.

26. (Previously presented) A method for transmitting and receiving signals between a satellite and a personal computer having a USB port, the method comprising steps of:
coupling a transmitter that resides in a box external to the personal computer to a USB hub through a portion of a USB bus;

coupling the USB hub to the USB port;
transmitting a radio frequency signal from the transmitter responsive to data received from the USB port;
coupling a receiver that resides in the box to the USB hub through another portion of the USB bus;
receiving the radio frequency signal in the receiver; and
converting the radio frequency signal to data for transfer to the USB port, wherein the step of receiving the radio frequency signal includes conveying a synchronizing signal from the receiver to the transmitter via the auxiliary bus, and where the transmitter is configured for receiving a power signal from a power supply external to the box and for transmitting the power signal to an amplifier in an antenna.

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Canceled)

31. (Original) The method according to claim 26, wherein the step of the transmitting radio frequency signal includes encoding an error correction onto the radio frequency signal in accordance with an encoding scheme determined responsive to a command conveyed via the USB port.

Claims 32 - 41 (Canceled)